

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for point-to-multipoint communication on a communications network, comprising

reserving, at a radio access network downlink, radio resources for a first downlink packet stream of a first mobile recipient, the packet stream being associated with group communication,

receiving at a radio access network a first a second downlink packet stream addressed to a first second mobile recipient located in the same radio cell as said first downlink packet stream mobile recipient,

checking whether the first second downlink packet stream is associated with group communication which has already reserved downlink radio resources for a second downlink packet stream of a second mobile recipient located in the same radio cell as said first mobile recipient, and,

if the second downlink packet stream is associated with group communication, checking whether the second downlink packet stream is associated with the same group communication as the first downlink packet stream, and

if the first second downlink packet stream is not associated with the same group communication which has already reserved downlink radio resources for a second as the first downlink packet stream of a second mobile recipient located in the same radio cell as said first mobile recipient, allocating new radio resources for said first downlink stream, or and

if the first second downlink packet stream is associated with the same group communication which has already reserved downlink radio resources for a second mobile recipient located in the same radio cell as said first mobile recipient, allocating no new radio resources for the first second downlink packet stream but and instructing said first second mobile recipient to receive said first second downlink packet stream over said already reserved radio resources first downlink.

2. (Currently Amended) A method as claimed in claim 1, wherein ~~said step of receiving comprises receiving~~ said first and second downlink packet streams are received from a group server controlling said group communication.

3. (Currently Amended) A method as claimed in claim 1 or 2, wherein the radio access network requests an originator of said first and second downlink packet streams to suppress said ~~first~~ second downlink packet stream, if the ~~first~~ second mobile recipient is instructed to receive said first downlink packet stream over the radio resources already reserved for another mobile recipient located in the same cell.

4. (Original) A method as claimed in claim 1 or 2, wherein said packets contain speech information.

5. (Currently Amended) A method as claimed in claim 1 or 2, wherein said packets are Internet Protocol (~~IP~~) packets.

6. (Currently Amended) A method as claimed in claim 1 or 2, wherein said packets contain speech information according to Voice over IP (~~VoIP~~) recommendations.

7. (Currently Amended) A method for point-to-multipoint communication on a communications network, comprising

reserving, at a radio access network downlink, radio resources for a first downlink packet stream of a first mobile recipient,

receiving, at a group server controlling group communication a single uplink packet stream from a sending party of said group communication, said uplink packet stream being addressed to said group server and containing information that associates it with said group communication,

multiplying said uplink packet stream into at least two downlink packet streams, each of which being is individually addressed to one recipient of said group communication,

sending said downlink packet streams to the radio access network or networks serving the recipients of the group communication,

receiving, at ~~[[a]]~~ the radio access network, a ~~first~~ second downlink packet stream addressed to a ~~first~~ second mobile recipient,

checking whether the ~~first~~ second downlink packet stream is associated with group communication, and,

if the second downlink packet stream is associated with group communication,
checking whether the second downlink packet stream is associated with group
communication that ~~which~~ has already reserved downlink radio resources for a~~second~~ the
first downlink packet stream of ~~a~~~~second~~ the first mobile recipient located in the same radio
cell as said ~~first~~ second mobile recipient, and

if the ~~first~~ second downlink packet stream is not associated with group
communication ~~which~~ that has already reserved downlink radio resources for a~~second~~ the
first downlink packet stream of ~~a~~~~second~~ the first mobile recipient located in the same radio
cell as said ~~first~~ second mobile recipient, allocating new radio resources for said ~~first~~ second
downlink stream, ~~or~~ and

if the ~~first~~ second downlink packet stream is associated with group
communication ~~which~~ that has already reserved downlink radio resources for a~~second~~ the
first mobile recipient located in the same radio cell as said ~~first~~ second mobile recipient,
allocating no new radio resources for the ~~first~~ second downlink packet stream ~~but~~ and
instructing said ~~first~~ second mobile recipient to receive said ~~second~~ first downlink packet
stream over said already reserved radio resources.

8. (Currently Amended) A method as claimed in claim 7, wherein the radio
access network requests an originator of said first and second downlink packet streams to
suppress said ~~first~~ second downlink packet stream, if the ~~first~~ second mobile recipient is
instructed to receive said first downlink packet stream over the radio resources already
reserved for another mobile recipient located in the same cell.

9. (Original) A method as claimed in claim 7, wherein said packets contain
speech information.

10. (Currently Amended) A method as claimed in any one of claims 7 to 9,
wherein said packets are Internet Protocol (~~IP~~) packets.

11. (Currently Amended) A method as claimed in any one of claims 7 to 9, wherein said packets contain speech information according to Voice over IP (VoIP) recommendations.

12. (Currently Amended) A mobile communications system comprising
means for reserving at a radio access network downlink radio resources for a first downlink packet stream of a first mobile recipient,

means for receiving a first second downlink packet stream addressed to a first second mobile recipient,

means for checking whether the first second downlink packet stream is associated with group communication and for checking, in response to the second downlink packet stream being associated with group communication, whether the second downlink packet stream is associated with group communication that which has already reserved downlink radio resources for a second first downlink packet stream of a second first mobile recipient located in the same radio cell as said first second mobile recipient, and

means for allocating new radio resources for said second downlink stream in response responsive to the first second downlink packet stream not being associated with group communication which that has already reserved downlink radio resources for a second the first downlink packet stream of a second the first mobile recipient located in the same radio cell as said first second mobile recipient, for allocating new radio resources for said first second downlink stream, or and

means for instructing said second mobile recipient to receive said first downlink packet stream over said already reserved radio resources in response responsive to the first second downlink packet stream associated with group communication which that has already reserved downlink radio resources for a second the first mobile recipient located in the same radio cell as said first second mobile recipient, for allocating no new radio resources for the first downlink packet stream but instructing said first mobile recipient to receive said second downlink packet stream over said already reserved radio resources.

13. (Original) A system as claimed in claim 12, comprising means for sending to an originator of said first and second downlink packet streams a message commanding the originator to suppress said first downlink packet stream, if the first mobile recipient is

instructed to receive the radio resources already reserved for another mobile recipient located in the same cell.

14. (Currently Amended) A system as claimed in claim 12 or 13, wherein said packets are Internet Protocol (~~IP~~) packets.

15. (Currently Amended) A system as claimed in claim 14, wherein said packets contain speech information according to Voice over IP (~~VoIP~~) recommendations.

16. (Currently Amended) A network element controlling radio resources in a radio access network receiving downlink packet streams addressed to mobile recipients located within said radio access network, wherein

said network element comprises means for reserving at the radio access network downlink radio resources for a first downlink packet stream of a first mobile recipient,

said network element, ~~which is responsive~~ being configured to respond to receiving, at the radio access network, a ~~first~~ second downlink packet stream addressed to a ~~first~~ second mobile recipient, ~~checks by checking~~ whether the first second downlink packet stream is associated with group communication and to check, in response to the second downlink packet stream being associated with group communication, whether the second downlink packet stream is associated with group communication that ~~which~~ has already reserved downlink radio resources for a ~~second~~ first downlink packet stream of a ~~second~~ first mobile recipient located in the same radio cell as said ~~first~~ second mobile recipient,

said network element, ~~which is~~ being configured to allocate new radio resources for said second downlink stream in response ~~responsive~~ to the ~~first second~~ downlink packet stream not being associated with group communication that ~~which~~ has already reserved downlink radio resources for a ~~second~~ the first downlink packet stream of a ~~second~~ the first mobile recipient located in the same radio cell as said ~~first second~~ mobile recipient, ~~allocates new radio resources for said first downlink stream,~~ and

said network element being configured to allocate no new radio resources for the second downlink packet stream and to instruct said second mobile recipient to receive said first downlink packet stream over said already reserved radio resources in response , ~~which is responsive~~ to the ~~first second~~ downlink packet stream being associated with group communication which has already reserved downlink radio resources for a ~~second~~ the first

mobile recipient located in the same radio cell as said ~~first~~ second mobile recipient, ~~allocates no new radio resources for the first downlink packet stream but instructs said first mobile recipient to receive said second downlink packet stream over said already reserved radio resources.~~

17. (Cancelled)